

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1049114

Luminaire Tested: **GALN-SA4B-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049114
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14136.7 lumens
Efficiency: N/A
Efficacy: 98.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

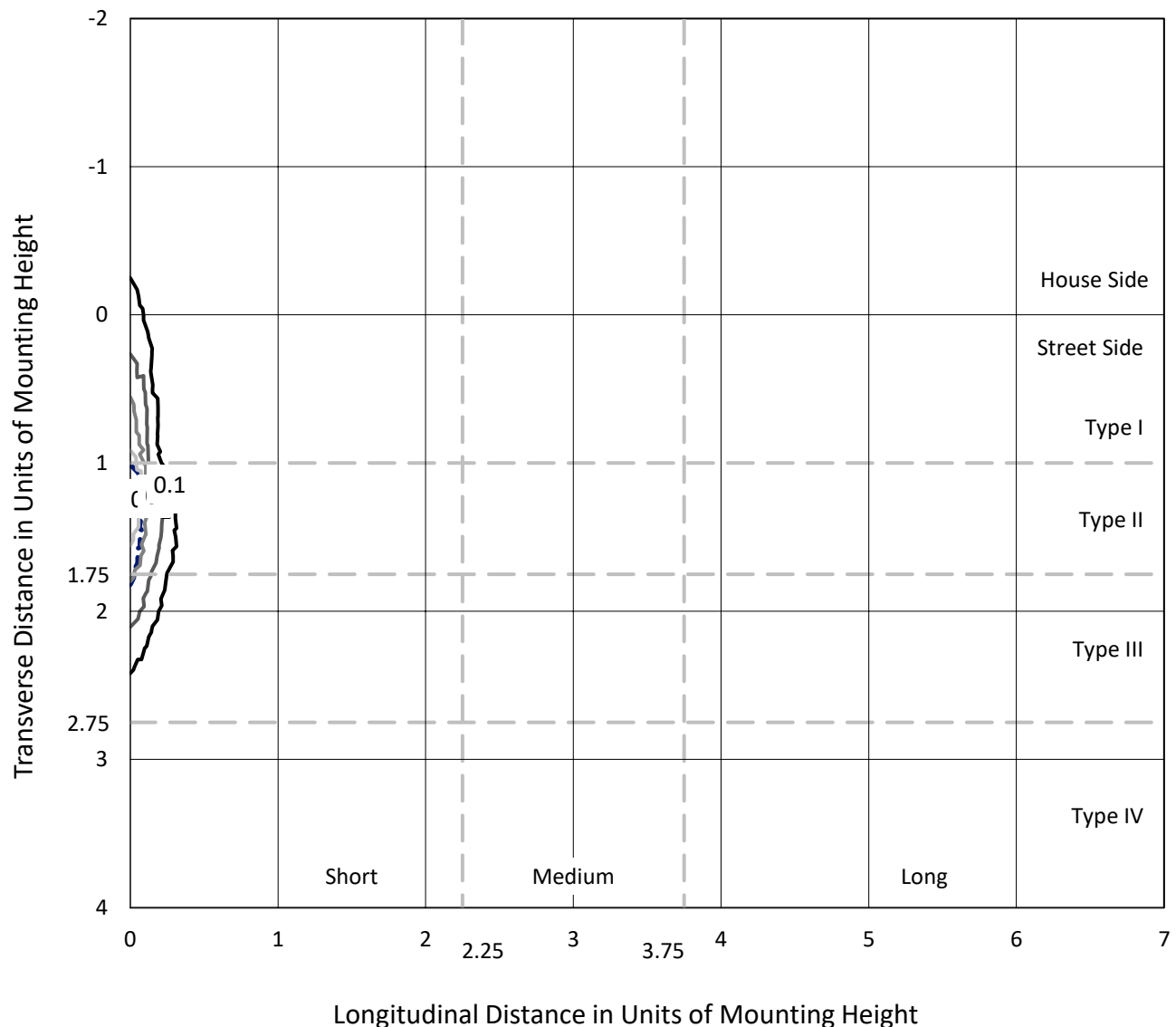
Input Watts (W): 144.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

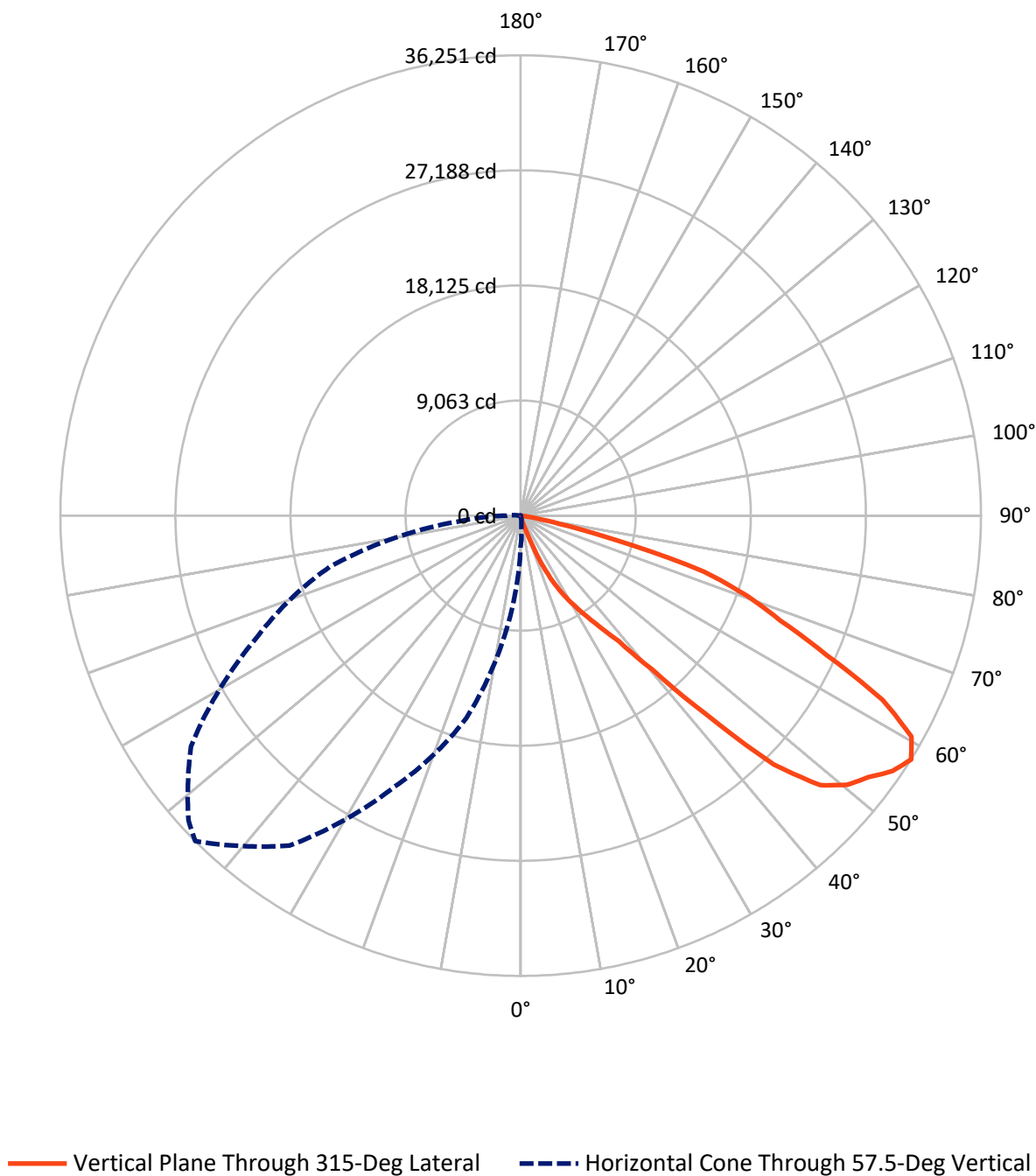


Based on 20 foot mounting height. Maximum calculated value = 2.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	70.8	0.0	70.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	14065.9	0.0	14065.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	14136.7	0.0	14136.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.5	0.0
10°-20°	31.1	0.2
20°-30°	335.0	2.4
30°-40°	990.7	7.0
40°-50°	2952.6	20.9
50°-60°	4681.7	33.1
60°-70°	3908.1	27.6
70°-80°	1205.1	8.5
80°-90°	26.8	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	14136.7	100.0
0°-180°	14136.7	100.0

Coefficient of Utilization



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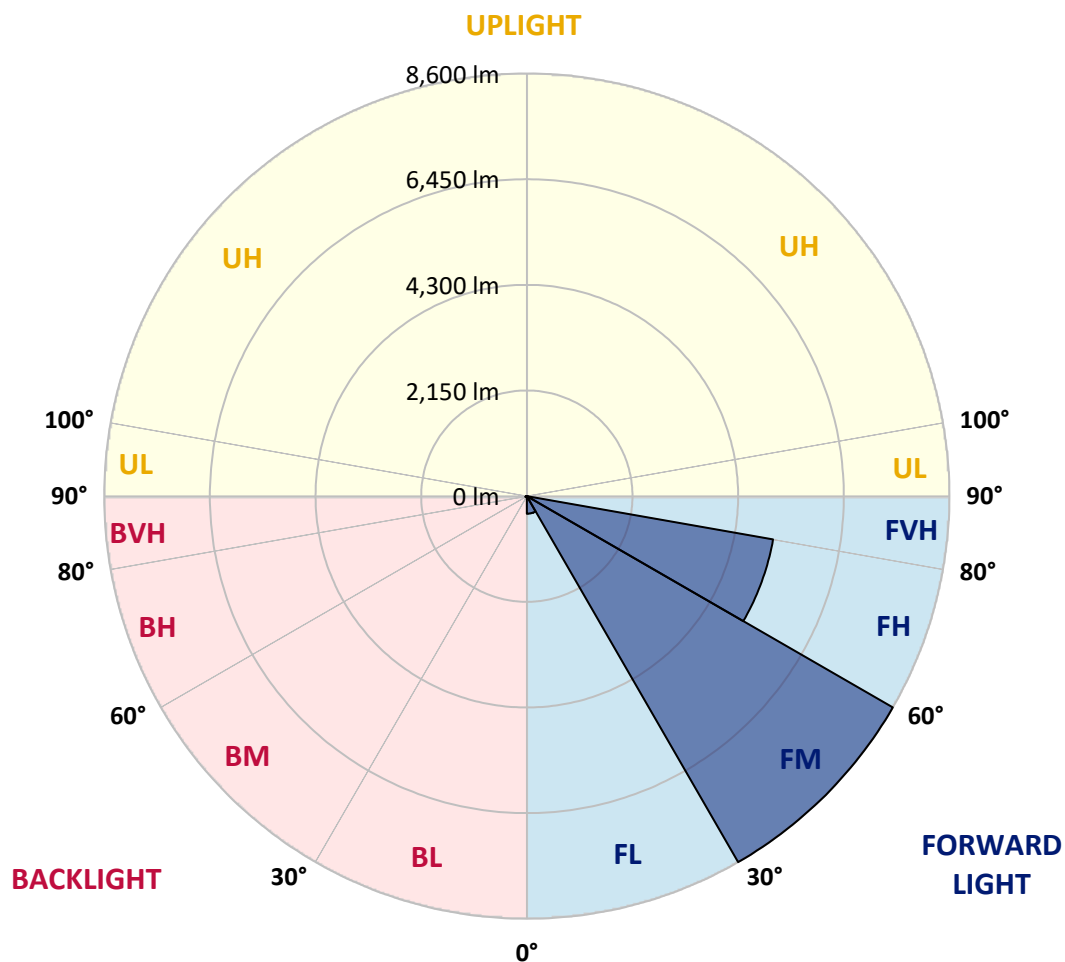
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	358.6	2.5			
FM	(30°-60°)	8599.7	60.8			
FH	(60°-80°)	5086.8	36.0			G3/7500
FVH	(80°-90°)	20.7	0.1			G1/100
BL	(0°-30°)	13.0	0.1	B0/110		
BM	(30°-60°)	25.3	0.2	B0/220		
BH	(60°-80°)	26.4	0.2	B0/110		G0/110
BVH	(80°-90°)	6.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2.5°	56.6	56.6	56.6	56.6	55.6	55.6	54.5	54.5	53.4	53.4
5°	59.8	59.8	58.8	57.7	57.7	56.6	55.6	54.5	54.5	53.4
7.5°	65.2	64.1	63.0	62.0	59.8	58.8	56.6	55.6	54.5	52.3
10°	71.6	69.4	67.3	65.2	63.0	60.9	58.8	57.7	55.6	54.5
12.5°	80.1	76.9	72.6	69.4	67.3	64.1	62.0	59.8	56.6	54.5
15°	87.6	83.3	78.0	73.7	70.5	66.2	63.0	59.8	57.7	54.5
17.5°	98.3	90.8	82.3	76.9	72.6	67.3	62.0	58.8	55.6	51.3
20°	116.4	101.5	85.5	79.1	72.6	66.2	59.8	55.6	52.3	48.1
22.5°	145.3	119.6	94.0	84.4	75.8	66.2	57.7	53.4	49.1	44.9
25°	200.8	154.9	109.0	96.1	83.3	70.5	57.7	52.3	48.1	42.7
27.5°	267.1	198.7	129.3	111.1	94.0	75.8	57.7	51.3	45.9	39.5
30°	334.4	243.6	151.7	128.2	104.7	81.2	57.7	50.2	43.8	36.3
32.5°	398.5	285.2	170.9	143.2	115.4	86.5	58.8	50.2	41.7	33.1
35°	463.6	319.4	174.1	145.3	116.4	86.5	57.7	48.1	39.5	29.9
37.5°	547.0	357.9	167.7	138.9	111.1	82.3	54.5	45.9	37.4	27.8
40°	673.0	422.0	170.9	141.0	111.1	81.2	51.3	42.7	35.3	26.7
42.5°	905.9	545.9	184.8	150.6	116.4	81.2	47.0	39.5	33.1	25.6
45°	1566.1	907.0	247.8	196.6	145.3	94.0	42.7	36.3	31.0	24.6
47.5°	2590.6	1518.1	445.5	344.0	243.6	142.1	41.7	36.3	31.0	24.6
50°	3306.4	1933.6	560.9	431.6	302.3	173.1	43.8	37.4	32.0	25.6
52.5°	3301.0	1963.5	625.0	479.7	335.4	190.2	45.9	39.5	34.2	27.8
55°	2934.6	1786.2	636.7	489.3	342.9	195.5	49.1	42.7	36.3	29.9
57.5°	2452.8	1517.0	581.2	449.8	319.4	188.0	56.6	49.1	42.7	35.3
60°	1940.0	1196.5	453.0	357.9	263.9	168.8	74.8	65.2	56.6	47.0
62.5°	1339.6	867.5	395.3	317.3	240.4	162.4	85.5	75.8	67.3	57.7
65°	947.6	652.7	356.8	290.6	225.4	159.2	92.9	82.3	72.6	62.0
67.5°	708.3	519.2	329.0	272.4	215.8	159.2	102.6	89.7	78.0	65.2
70°	542.7	426.3	308.7	262.8	217.9	172.0	126.1	107.9	90.8	72.6
72.5°	442.3	364.3	285.2	252.1	219.0	185.9	152.8	129.3	105.8	81.2
75°	366.4	311.9	257.5	229.7	203.0	175.2	147.4	126.1	105.8	84.4
77.5°	243.6	222.2	199.8	183.7	167.7	150.6	134.6	116.4	99.4	81.2
80°	85.5	82.3	79.1	85.5	91.9	98.3	104.7	91.9	80.1	67.3
82.5°	12.8	11.8	10.7	11.8	12.8	13.9	15.0	16.0	17.1	18.2
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	52.3	52.3	51.3	51.3	51.3	50.2	50.2	49.1	49.1	49.1
0.0	5°	51.3	51.3	50.2	49.1	48.1	48.1	47.0	45.9	45.9	44.9
0.0	7.5°	50.2	49.1	48.1	47.0	45.9	44.9	43.8	42.7	42.7	41.7
0.0	10°	51.3	49.1	48.1	45.9	44.9	43.8	41.7	40.6	39.5	39.5
0.0	12.5°	49.1	48.1	45.9	43.8	42.7	40.6	39.5	37.4	36.3	36.3
0.0	15°	49.1	47.0	43.8	41.7	39.5	38.5	36.3	34.2	33.1	32.0
0.0	17.5°	45.9	43.8	40.6	38.5	36.3	34.2	32.0	29.9	28.8	27.8
0.0	20°	41.7	39.5	36.3	33.1	31.0	28.8	26.7	24.6	23.5	22.4
0.0	22.5°	37.4	35.3	32.0	28.8	26.7	24.6	21.4	19.2	18.2	16.0
0.0	25°	35.3	32.0	28.8	25.6	22.4	20.3	17.1	13.9	11.8	9.6
0.0	27.5°	29.9	26.7	23.5	20.3	17.1	13.9	10.7	7.5	5.3	4.3
0.0	30°	25.6	22.4	19.2	16.0	11.8	8.5	5.3	1.1	1.1	1.1
0.0	32.5°	21.4	18.2	13.9	10.7	8.5	5.3	3.2	0.0	0.0	0.0
0.0	35°	17.1	13.9	9.6	6.4	5.3	3.2	2.1	0.0	0.0	0.0
0.0	37.5°	15.0	11.8	7.5	3.2	2.1	2.1	1.1	0.0	0.0	0.0
0.0	40°	13.9	9.6	5.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	13.9	9.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	13.9	9.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	13.9	9.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	15.0	10.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	17.1	12.8	8.5	4.3	3.2	2.1	1.1	0.0	0.0	0.0
0.0	55°	21.4	19.2	16.0	13.9	10.7	7.5	3.2	0.0	0.0	0.0
0.0	57.5°	27.8	27.8	26.7	25.6	19.2	12.8	6.4	0.0	0.0	0.0
0.0	60°	37.4	37.4	37.4	37.4	27.8	19.2	9.6	0.0	0.0	0.0
0.0	62.5°	45.9	43.8	40.6	38.5	28.8	19.2	9.6	0.0	0.0	0.0
0.0	65°	45.9	41.7	36.3	31.0	23.5	16.0	7.5	0.0	0.0	0.0
0.0	67.5°	42.7	34.2	24.6	16.0	11.8	8.5	4.3	0.0	0.0	0.0
	70°	42.7	29.9	17.1	4.3	3.2	2.1	1.1	0.0	0.0	0.0
	72.5°	42.7	28.8	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	47.0	32.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	47.0	32.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	41.7	27.8	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	13.9	9.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	48.1	48.1	48.1	47.0	47.0	47.0	47.0	45.9	45.9	45.9
0.0	5°	43.8	43.8	42.7	42.7	41.7	41.7	40.6	40.6	39.5	39.5
0.0	7.5°	40.6	39.5	39.5	38.5	37.4	37.4	36.3	36.3	35.3	34.2
0.0	10°	37.4	36.3	36.3	35.3	34.2	33.1	33.1	32.0	31.0	29.9
0.0	12.5°	34.2	33.1	32.0	31.0	29.9	28.8	28.8	27.8	26.7	25.6
0.0	15°	29.9	28.8	27.8	26.7	25.6	24.6	24.6	23.5	22.4	21.4
0.0	17.5°	25.6	24.6	24.6	23.5	22.4	21.4	20.3	18.2	17.1	16.0
0.0	20°	19.2	18.2	17.1	16.0	15.0	12.8	11.8	9.6	7.5	6.4
0.0	22.5°	12.8	10.7	9.6	7.5	5.3	4.3	3.2	1.1	0.0	0.0
0.0	25°	4.3	3.2	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4B-827-U-RBC

[illegible]

REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	44.9	44.9	44.9	43.8	43.8	43.8	43.8	43.8	43.8	43.8
0.0	5°	38.5	38.5	38.5	37.4	37.4	36.3	36.3	36.3	35.3	35.3
0.0	7.5°	33.1	32.0	32.0	31.0	31.0	29.9	29.9	29.9	28.8	28.8
0.0	10°	27.8	26.7	26.7	25.6	25.6	24.6	24.6	23.5	23.5	22.4
0.0	12.5°	24.6	23.5	22.4	21.4	21.4	20.3	19.2	19.2	18.2	17.1
0.0	15°	19.2	18.2	17.1	16.0	15.0	13.9	12.8	12.8	11.8	10.7
0.0	17.5°	12.8	10.7	9.6	8.5	8.5	7.5	6.4	5.3	4.3	3.2
0.0	20°	3.2	2.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	43.8	42.7	42.7	42.7	43.8	43.8	43.8	43.8	43.8	43.8
0.0	5°	35.3	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
0.0	7.5°	28.8	27.8	27.8	27.8	27.8	26.7	26.7	26.7	26.7	26.7
0.0	10°	22.4	21.4	21.4	21.4	21.4	20.3	20.3	20.3	20.3	20.3
0.0	12.5°	16.0	16.0	15.0	15.0	15.0	13.9	13.9	13.9	13.9	12.8
0.0	15°	9.6	8.5	7.5	7.5	7.5	6.4	6.4	6.4	6.4	5.3
0.0	17.5°	2.1	2.1	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	44.9	44.9	45.9	45.9	47.0	49.1	50.2	51.3	53.4	55.6
0.0	5°	35.3	36.3	36.3	37.4	38.5	39.5	40.6	41.7	43.8	45.9
0.0	7.5°	27.8	27.8	28.8	28.8	29.9	32.0	33.1	34.2	36.3	39.5
0.0	10°	21.4	21.4	22.4	22.4	23.5	25.6	26.7	27.8	29.9	33.1
0.0	12.5°	13.9	15.0	15.0	16.0	17.1	19.2	20.3	21.4	23.5	25.6
0.0	15°	6.4	7.5	7.5	8.5	9.6	11.8	12.8	13.9	16.0	19.2
0.0	17.5°	1.1	1.1	2.1	2.1	3.2	4.3	5.3	6.4	9.6	11.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	58.8	60.9	63.0	65.2	67.3	69.4	70.5	72.6	73.7	74.8
0.0	5°	50.2	52.3	55.6	57.7	59.8	62.0	64.1	65.2	66.2	67.3
0.0	7.5°	43.8	45.9	49.1	51.3	53.4	55.6	57.7	59.8	60.9	62.0
0.0	10°	37.4	40.6	42.7	45.9	48.1	50.2	52.3	54.5	56.6	57.7
0.0	12.5°	29.9	33.1	36.3	38.5	41.7	44.9	47.0	49.1	51.3	53.4
0.0	15°	23.5	26.7	29.9	32.0	35.3	38.5	41.7	43.8	45.9	48.1
0.0	17.5°	17.1	20.3	23.5	25.6	28.8	32.0	34.2	37.4	39.5	41.7
0.0	20°	8.5	11.8	15.0	18.2	21.4	24.6	26.7	29.9	32.0	34.2
0.0	22.5°	1.1	4.3	7.5	9.6	12.8	16.0	18.2	21.4	23.5	25.6
0.0	25°	0.0	1.1	3.2	4.3	5.3	7.5	9.6	11.8	13.9	16.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.1	4.3	6.4	8.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.1
	85°	0.0	0.0	0.0	0.0	0.0	2.1	3.2	5.3	6.4	7.5
	87.5°	0.0	1.1	2.1	3.2	4.3	6.4	8.5	10.7	11.8	12.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
62.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.1											
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REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	75.8	75.8	75.8	75.8	74.8	74.8	74.8	73.7	73.7	72.6
0.0	5°	69.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	69.4	69.4
0.0	7.5°	64.1	65.2	66.2	66.2	67.3	67.3	67.3	66.2	66.2	65.2
0.0	10°	60.9	62.0	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
0.0	12.5°	56.6	57.7	58.8	58.8	59.8	59.8	59.8	59.8	58.8	58.8
0.0	15°	51.3	53.4	54.5	55.6	55.6	56.6	56.6	56.6	56.6	56.6
0.0	17.5°	47.0	49.1	50.2	51.3	51.3	52.3	52.3	53.4	53.4	53.4
0.0	20°	38.5	40.6	41.7	43.8	44.9	45.9	47.0	48.1	48.1	49.1
0.0	22.5°	29.9	32.0	33.1	35.3	36.3	37.4	38.5	39.5	40.6	41.7
0.0	25°	21.4	23.5	24.6	26.7	27.8	28.8	29.9	31.0	31.0	32.0
0.0	27.5°	11.8	13.9	16.0	17.1	19.2	20.3	21.4	22.4	23.5	24.6
0.0	30°	5.3	6.4	7.5	9.6	10.7	11.8	12.8	15.0	16.0	17.1
0.0	32.5°	0.0	0.0	1.1	3.2	4.3	5.3	6.4	7.5	7.5	8.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.1	3.2	4.3
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.1	2.1	2.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	82.5°	5.3	6.4	7.5	7.5	8.5	8.5	8.5	8.5	7.5	7.5
	85°	10.7	11.8	12.8	12.8	13.9	13.9	13.9	13.9	13.9	13.9
	87.5°	15.0	16.0	17.1	17.1	18.2	18.2	18.2	18.2	18.2	18.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
62.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	71.6	71.6	70.5	70.5	70.5	70.5	70.5	71.6	72.6	72.6
0.0	5°	68.4	68.4	67.3	67.3	67.3	68.4	68.4	69.4	70.5	71.6
0.0	7.5°	65.2	64.1	64.1	65.2	65.2	66.2	66.2	67.3	68.4	69.4
0.0	10°	63.0	62.0	62.0	62.0	63.0	63.0	64.1	65.2	66.2	67.3
0.0	12.5°	58.8	58.8	58.8	58.8	59.8	59.8	60.9	62.0	64.1	65.2
0.0	15°	56.6	55.6	55.6	55.6	55.6	56.6	56.6	58.8	60.9	62.0
0.0	17.5°	52.3	52.3	51.3	51.3	52.3	52.3	53.4	55.6	57.7	58.8
0.0	20°	48.1	47.0	45.9	45.9	47.0	47.0	48.1	50.2	52.3	53.4
0.0	22.5°	41.7	40.6	40.6	40.6	40.6	41.7	41.7	43.8	47.0	49.1
0.0	25°	33.1	34.2	34.2	35.3	35.3	36.3	37.4	39.5	42.7	44.9
0.0	27.5°	25.6	26.7	26.7	28.8	29.9	31.0	32.0	35.3	38.5	40.6
0.0	30°	19.2	20.3	21.4	22.4	24.6	26.7	28.8	32.0	35.3	37.4
0.0	32.5°	11.8	13.9	15.0	17.1	19.2	21.4	23.5	26.7	31.0	34.2
0.0	35°	8.5	9.6	11.8	12.8	15.0	17.1	19.2	23.5	26.7	31.0
0.0	37.5°	4.3	6.4	8.5	10.7	12.8	15.0	17.1	21.4	25.6	28.8
0.0	40°	3.2	5.3	6.4	8.5	11.8	13.9	16.0	20.3	24.6	28.8
0.0	42.5°	2.1	3.2	4.3	7.5	9.6	12.8	16.0	20.3	24.6	28.8
0.0	45°	2.1	2.1	3.2	6.4	9.6	13.9	17.1	21.4	24.6	28.8
0.0	47.5°	2.1	3.2	4.3	8.5	10.7	13.9	17.1	20.3	24.6	27.8
0.0	50°	3.2	4.3	5.3	9.6	11.8	15.0	17.1	21.4	24.6	28.8
0.0	52.5°	2.1	3.2	4.3	8.5	11.8	16.0	19.2	23.5	27.8	31.0
0.0	55°	1.1	1.1	1.1	6.4	12.8	18.2	24.6	27.8	32.0	35.3
0.0	57.5°	0.0	0.0	0.0	4.3	12.8	20.3	27.8	32.0	36.3	39.5
0.0	60°	0.0	0.0	0.0	4.3	12.8	20.3	27.8	33.1	38.5	43.8
0.0	62.5°	0.0	0.0	0.0	4.3	10.7	17.1	23.5	32.0	41.7	50.2
0.0	65°	0.0	0.0	0.0	3.2	8.5	13.9	19.2	32.0	44.9	56.6
0.0	67.5°	0.0	0.0	0.0	3.2	8.5	12.8	18.2	32.0	44.9	58.8
	70°	0.0	0.0	0.0	3.2	8.5	13.9	19.2	32.0	44.9	57.7
	72.5°	0.0	0.0	0.0	3.2	9.6	15.0	21.4	32.0	42.7	53.4
	75°	0.0	0.0	0.0	4.3	9.6	16.0	22.4	32.0	41.7	50.2
	77.5°	0.0	0.0	0.0	3.2	9.6	15.0	21.4	31.0	40.6	49.1
	80°	3.2	2.1	2.1	5.3	9.6	13.9	18.2	27.8	38.5	48.1
	82.5°	6.4	6.4	5.3	7.5	9.6	12.8	16.0	24.6	34.2	42.7
	85°	12.8	12.8	11.8	12.8	12.8	13.9	15.0	19.2	23.5	27.8
	87.5°	17.1	17.1	16.0	16.0	16.0	15.0	15.0	15.0	15.0	13.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049114

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
62.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5											
64.1											
59.8											
58.8											
57.7											
51.3											
32.0											
13.9											
0.0											
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REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	74.8	75.8	75.8	76.9	78.0	79.1	79.1	80.1	80.1	80.1
0.0	5°	73.7	75.8	76.9	78.0	79.1	80.1	81.2	82.3	83.3	83.3
0.0	7.5°	72.6	73.7	75.8	76.9	79.1	80.1	82.3	83.3	84.4	85.5
0.0	10°	70.5	72.6	74.8	76.9	79.1	81.2	83.3	85.5	87.6	88.7
0.0	12.5°	68.4	71.6	73.7	75.8	79.1	82.3	84.4	87.6	89.7	91.9
0.0	15°	67.3	69.4	72.6	74.8	79.1	83.3	86.5	90.8	95.1	98.3
0.0	17.5°	64.1	68.4	71.6	74.8	79.1	84.4	88.7	92.9	99.4	105.8
0.0	20°	59.8	63.0	67.3	70.5	76.9	82.3	88.7	94.0	103.6	113.2
0.0	22.5°	55.6	59.8	63.0	67.3	74.8	81.2	88.7	95.1	111.1	126.1
0.0	25°	51.3	56.6	60.9	65.2	73.7	82.3	90.8	99.4	126.1	152.8
0.0	27.5°	49.1	53.4	58.8	63.0	73.7	85.5	96.1	106.8	149.6	191.2
0.0	30°	45.9	51.3	55.6	60.9	74.8	88.7	102.6	116.4	181.6	246.8
0.0	32.5°	42.7	48.1	53.4	58.8	76.9	95.1	112.2	130.3	215.8	300.2
0.0	35°	39.5	45.9	51.3	56.6	80.1	104.7	128.2	151.7	246.8	340.8
0.0	37.5°	38.5	44.9	50.2	55.6	81.2	105.8	131.4	156.0	250.0	344.0
0.0	40°	39.5	44.9	51.3	56.6	78.0	99.4	119.6	141.0	239.3	336.5
0.0	42.5°	39.5	45.9	52.3	58.8	75.8	92.9	110.0	127.1	236.1	345.1
0.0	45°	38.5	44.9	51.3	57.7	73.7	88.7	104.7	119.6	255.3	389.9
0.0	47.5°	37.4	43.8	50.2	56.6	72.6	88.7	104.7	120.7	330.1	538.4
0.0	50°	37.4	43.8	49.1	54.5	73.7	94.0	113.2	132.5	480.7	827.9
0.0	52.5°	39.5	44.9	49.1	53.4	75.8	99.4	121.8	144.2	611.1	1076.8
0.0	55°	42.7	45.9	50.2	53.4	81.2	107.9	135.7	162.4	650.6	1138.8
0.0	57.5°	47.0	50.2	53.4	56.6	90.8	125.0	158.1	192.3	653.8	1114.2
0.0	60°	52.3	56.6	59.8	63.0	99.4	136.7	173.1	209.4	591.8	973.2
0.0	62.5°	64.1	69.4	73.7	79.1	114.3	148.5	183.7	217.9	491.4	764.9
0.0	65°	73.7	78.0	82.3	86.5	120.7	156.0	190.2	224.3	416.6	608.9
0.0	67.5°	75.8	80.1	83.3	87.6	122.9	158.1	192.3	227.5	356.8	485.0
	70°	76.9	82.3	88.7	94.0	130.3	166.7	201.9	238.2	316.2	394.2
	72.5°	73.7	84.4	94.0	103.6	137.8	170.9	205.1	238.2	293.8	349.3
	75°	73.7	88.7	102.6	116.4	142.1	166.7	192.3	216.9	259.6	302.3
	77.5°	78.0	97.2	116.4	135.7	150.6	164.5	179.5	193.4	221.1	248.9
	80°	78.0	98.3	117.5	137.8	144.2	151.7	158.1	164.5	167.7	170.9
	82.5°	67.3	83.3	99.4	115.4	107.9	100.4	92.9	85.5	80.1	73.7
	85°	34.2	37.4	39.5	41.7	38.5	35.3	32.0	28.8	26.7	23.5
	87.5°	13.9	13.9	12.8	12.8	12.8	12.8	11.8	11.8	11.8	11.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
62.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
316.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
428.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
535.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
607.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
662.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
716.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
823.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1037.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1581.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2421.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3048.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3118.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2813.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2405.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1880.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1420.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1049.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.5											
552.3											
401.7											
302.3											
169.9											
76.9											
22.4											
10.7											
0.0											
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REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	80.1	79.1	79.1	78.0	76.9	75.8	74.8	73.7	72.6	71.6
0.0	5°	83.3	83.3	83.3	82.3	82.3	81.2	81.2	80.1	79.1	78.0
0.0	7.5°	86.5	87.6	87.6	88.7	88.7	88.7	88.7	87.6	87.6	87.6
0.0	10°	91.9	92.9	94.0	95.1	96.1	97.2	97.2	98.3	98.3	98.3
0.0	12.5°	98.3	101.5	103.6	106.8	109.0	112.2	114.3	117.5	119.6	121.8
0.0	15°	107.9	113.2	119.6	125.0	130.3	137.8	146.4	153.8	161.3	173.1
0.0	17.5°	121.8	138.9	156.0	172.0	189.1	226.5	263.9	300.2	337.6	392.1
0.0	20°	148.5	199.8	250.0	301.3	351.5	482.9	613.2	744.6	874.9	1014.9
0.0	22.5°	208.3	334.4	460.4	586.5	712.6	987.1	1260.6	1535.1	1808.6	2130.2
0.0	25°	302.3	534.1	766.0	996.7	1228.5	1658.0	2088.5	2518.0	2947.4	3365.1
0.0	27.5°	440.1	794.8	1149.5	1503.1	1857.8	2440.0	3023.3	3605.5	4187.7	4659.9
0.0	30°	610.0	1090.7	1571.5	2052.2	2532.9	3195.3	3857.6	4518.9	5181.2	5697.2
0.0	32.5°	770.2	1358.9	1947.5	2535.1	3123.7	3877.9	4633.2	5387.4	6141.6	6705.7
0.0	35°	874.9	1586.4	2299.0	3010.5	3721.9	4538.1	5354.3	6169.4	6985.6	7629.8
0.0	37.5°	979.6	1801.2	2621.6	3443.1	4263.6	5159.9	6056.2	6952.5	7848.8	8644.7
0.0	40°	1097.1	2060.7	3023.3	3986.9	4949.4	6011.3	7072.1	8134.0	9194.8	10317.6
0.0	42.5°	1301.2	2491.3	3682.4	4872.5	6062.6	7467.4	8872.2	10276.0	11680.8	13283.2
0.0	45°	1684.7	3361.9	5040.2	6717.5	8394.7	10255.7	12117.7	13978.7	15839.7	17972.0
0.0	47.5°	2623.7	4931.3	7237.7	9545.2	11851.7	13861.2	15869.6	17879.0	19887.4	22011.2
0.0	50°	4014.7	6700.4	9386.1	12070.7	14756.4	16574.6	18391.8	20210.1	22027.2	24047.4
0.0	52.5°	5021.0	7818.9	10617.8	13415.7	16213.6	17854.5	19496.4	21137.3	22778.2	24665.9
0.0	55°	5096.8	7878.7	10661.6	13443.5	16225.3	17873.7	19522.1	21170.5	22818.8	24819.8
0.0	57.5°	4512.5	7271.9	10030.2	12789.7	15548.0	17425.0	19300.9	21177.9	23053.9	25217.2
0.0	60°	3838.4	6598.9	9358.3	12118.8	14878.2	17040.4	19203.7	21366.0	23528.2	25554.8
0.0	62.5°	2994.4	5834.0	8674.6	11514.1	14353.6	16549.0	18744.4	20938.6	23134.0	24654.2
0.0	65°	2231.7	4989.0	7746.2	10502.4	13259.7	15018.1	16776.5	18533.9	20292.3	21233.5
0.0	67.5°	1613.1	3991.2	6368.1	8746.2	11123.1	12381.6	13640.0	14897.4	16155.9	16875.9
	70°	1090.7	2738.0	4384.3	6031.6	7677.9	8712.0	9747.1	10781.3	11815.4	12787.5
	72.5°	755.3	1680.4	2606.6	3531.8	4456.9	5497.5	6536.9	7577.4	8616.9	9645.7
	75°	501.0	921.9	1343.9	1764.8	2185.7	2956.0	3727.3	4497.5	5267.8	5881.0
	77.5°	355.7	481.8	608.9	735.0	861.0	1005.3	1150.6	1294.8	1439.0	1658.0
	80°	168.8	184.8	200.8	215.8	231.8	284.2	336.5	388.9	441.2	496.8
	82.5°	80.1	86.5	92.9	98.3	104.7	110.0	115.4	120.7	126.1	120.7
	85°	21.4	21.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	21.4
	87.5°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	8.5	8.5	7.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
62.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1155.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2451.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3782.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5132.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6214.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7270.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8274.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9441.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11440.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14885.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20104.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24135.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26067.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26553.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26821.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27380.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27580.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26175.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22175.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17597.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13758.6											
10674.4											
6494.2											
1877.0											
552.3											
114.3											
20.3											
7.5											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	2.5°	69.4	68.4	67.3	66.2	65.2	63.0	63.0	62.0	62.0
0.0	5°	75.8	74.8	73.7	72.6	72.6	71.6	70.5	70.5	69.4
0.0	7.5°	86.5	85.5	84.4	83.3	83.3	82.3	82.3	81.2	81.2
0.0	10°	99.4	99.4	99.4	99.4	99.4	98.3	98.3	98.3	97.2
0.0	12.5°	125.0	126.1	128.2	130.3	133.5	133.5	133.5	132.5	132.5
0.0	15°	197.6	209.4	217.9	226.5	234.0	251.0	248.9	245.7	243.6
0.0	17.5°	500.0	553.4	582.2	610.0	638.8	717.9	705.1	692.3	680.5
0.0	20°	1295.8	1435.8	1528.7	1621.7	1715.7	1864.2	1827.9	1791.5	1755.2
0.0	22.5°	2772.2	3093.8	3233.7	3373.7	3512.6	3692.0	3575.6	3459.1	3343.8
0.0	25°	4199.5	4617.2	4853.3	5089.4	5324.4	5427.0	5275.3	5122.5	4970.8
0.0	27.5°	5604.3	6076.5	6284.8	6492.0	6700.4	6915.1	6727.1	6538.0	6350.0
0.0	30°	6730.3	7246.3	7471.7	7696.0	7921.4	8071.0	7876.6	7681.1	7486.6
0.0	32.5°	7834.9	8399.0	8645.7	8892.5	9138.2	9352.9	9113.6	8873.3	8634.0
0.0	35°	8917.1	9561.3	9901.0	10240.7	10580.4	10780.2	10496.0	10210.8	9926.6
0.0	37.5°	10237.5	11033.4	11413.7	11794.0	12174.3	12538.6	12225.6	11911.5	11598.5
0.0	40°	12563.2	13686.0	14269.3	14853.6	15436.9	15907.0	15511.7	15116.4	14721.1
0.0	42.5°	16488.1	18090.6	18929.2	19766.7	20605.3	21339.2	20923.7	20508.1	20092.5
0.0	45°	22236.6	24368.9	25391.3	26412.6	27435.0	27971.2	27373.0	26773.7	26175.4
0.0	47.5°	26257.7	28381.5	29291.7	30201.8	31112.0	31724.2	30992.4	30260.6	29529.9
0.0	50°	28086.6	30106.8	31020.2	31932.5	32845.9	33332.0	32486.9	31640.8	30795.8
0.0	52.5°	28440.2	30327.9	31417.6	32508.3	33598.0	34247.5	33249.7	32250.8	31253.1
0.0	55°	28822.7	30823.6	32087.4	33352.3	34616.1	35515.6	34387.4	33258.2	32130.1
0.0	57.5°	29542.7	31706.0	32966.6	34226.1	35486.7	36250.5	35119.2	33986.8	32855.5
0.0	60°	29606.8	31632.3	32715.6	33799.9	34883.1	35363.9	34281.7	33198.4	32116.2
0.0	62.5°	27695.6	29215.8	29967.9	30720.0	31472.1	31994.5	30865.3	29735.0	28605.8
0.0	65°	23116.9	24058.1	24657.4	25256.7	25856.0	26478.8	25444.7	24410.6	23376.5
0.0	67.5°	18317.0	19037.1	19826.5	20616.0	21405.5	22071.0	21243.1	20414.1	19586.2
	70°	14730.8	15701.8	16589.6	17477.4	18365.1	18909.9	18078.8	17246.6	16415.5
	72.5°	11703.2	12732.0	13473.4	14213.7	14955.1	15088.6	14477.6	13866.5	13256.5
	75°	7106.3	7719.5	7734.5	7748.4	7763.3	7890.4	7384.1	6877.7	6372.4
	77.5°	2096.0	2315.0	2495.5	2675.0	2855.6	3073.5	2887.6	2700.7	2514.8
	80°	606.8	662.3	709.3	755.3	802.3	774.5	730.7	686.9	643.1
	82.5°	109.0	102.6	101.5	100.4	100.4	95.1	86.5	78.0	69.4
	85°	19.2	18.2	17.1	16.0	15.0	13.9	11.8	10.7	8.5
	87.5°	6.4	5.3	4.3	3.2	3.2	1.1	1.1	1.1	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
0.0	0.0	2.5°	60.9	59.8	59.8	59.8	59.8	58.8	58.8	58.8	58.8
0.0	0.0	5°	67.3	67.3	66.2	66.2	65.2	65.2	64.1	64.1	63.0
0.0	0.0	7.5°	79.1	78.0	76.9	75.8	74.8	72.6	71.6	70.5	70.5
0.0	0.0	10°	95.1	92.9	91.9	89.7	88.7	86.5	84.4	82.3	80.1
0.0	0.0	12.5°	125.0	120.7	117.5	113.2	109.0	105.8	101.5	98.3	94.0
0.0	0.0	15°	216.9	206.2	194.4	180.5	165.6	151.7	136.7	128.2	118.6
0.0	0.0	17.5°	554.4	498.9	442.3	396.3	350.4	305.5	259.6	226.5	193.4
0.0	0.0	20°	1411.2	1257.4	1103.6	951.9	799.1	647.4	494.6	417.7	340.8
0.0	0.0	22.5°	2655.8	2370.6	2084.2	1807.6	1529.8	1253.1	976.4	802.3	629.2
0.0	0.0	25°	4099.1	3740.1	3381.2	2926.1	2469.9	2014.8	1559.7	1276.6	993.5
0.0	0.0	27.5°	5334.0	4920.6	4507.1	3953.8	3400.4	2847.0	2293.6	1871.7	1450.7
0.0	0.0	30°	6403.4	5959.0	5514.6	4870.4	4226.2	3582.0	2937.8	2410.1	1882.3
0.0	0.0	32.5°	7330.7	6798.6	6266.6	5602.2	4937.7	4273.2	3608.7	2961.3	2313.9
0.0	0.0	35°	8400.0	7779.3	7157.6	6420.5	5682.3	4945.2	4208.0	3477.3	2745.5
0.0	0.0	37.5°	9758.9	8997.2	8234.4	7412.9	6591.4	5770.9	4949.4	4114.0	3278.6
0.0	0.0	40°	12360.2	11377.4	10394.5	9350.8	8306.0	7262.3	6218.6	5193.0	4167.4
0.0	0.0	42.5°	17021.2	15693.3	14365.4	12976.6	11586.8	10198.0	8808.1	7361.6	5914.1
0.0	0.0	45°	22281.5	20634.2	18985.8	17427.1	15867.4	14308.8	12750.1	10765.2	8780.3
0.0	0.0	47.5°	25239.6	23460.9	21682.2	20206.9	18731.5	17256.2	15780.9	13641.1	11501.3
0.0	0.0	50°	26328.2	24517.4	22706.7	21348.9	19990.0	18632.2	17273.3	15130.3	12986.2
0.0	0.0	52.5°	26560.0	24712.9	22865.8	21499.5	20133.1	18767.9	17401.5	15272.4	13143.3
0.0	0.0	55°	27036.5	25054.8	23072.0	21514.4	19956.9	18399.3	16841.7	14678.4	12515.1
0.0	0.0	57.5°	27659.3	25627.4	23595.5	21821.1	20046.6	18273.2	16498.8	14133.6	11768.4
0.0	0.0	60°	27495.8	25727.8	23958.7	22058.2	20156.6	18256.1	16354.6	13753.3	11150.9
0.0	0.0	62.5°	24658.4	23250.4	21841.3	20278.4	18714.4	17151.5	15588.6	12910.4	10232.2
0.0	0.0	65°	20285.9	19258.2	18230.5	16973.1	15714.7	14457.3	13199.9	10798.4	8397.9
0.0	0.0	67.5°	16441.1	15283.1	14124.0	13121.9	12118.8	11116.7	10113.6	8223.8	6333.9
		70°	13062.1	11802.6	10542.0	9563.4	8583.8	7605.2	6626.7	5370.3	4115.1
		72.5°	10373.2	9237.6	8102.0	7058.2	6013.4	4969.7	3924.9	3182.5	2440.0
		75°	4958.0	4503.9	4049.9	3504.0	2958.1	2412.2	1866.3	1542.6	1220.0
		77.5°	1837.5	1592.8	1347.1	1124.9	902.7	681.6	459.4	420.9	382.5
		80°	475.4	414.5	352.5	308.7	263.9	220.1	176.3	159.2	143.2
		82.5°	54.5	50.2	47.0	44.9	41.7	39.5	36.3	33.1	29.9
		85°	3.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	62.0	62.0
0.0	0.0	2.5°	57.7	56.6
0.0	0.0	5°	60.9	59.8
0.0	0.0	7.5°	67.3	65.2
0.0	0.0	10°	73.7	71.6
0.0	0.0	12.5°	83.3	80.1
0.0	0.0	15°	94.0	87.6
0.0	0.0	17.5°	112.2	98.3
0.0	0.0	20°	151.7	116.4
0.0	0.0	22.5°	213.7	145.3
0.0	0.0	25°	314.1	200.8
0.0	0.0	27.5°	436.9	267.1
0.0	0.0	30°	581.2	334.4
0.0	0.0	32.5°	708.3	398.5
0.0	0.0	35°	873.9	463.6
0.0	0.0	37.5°	1077.9	547.0
0.0	0.0	40°	1394.1	673.0
0.0	0.0	42.5°	1963.5	905.9
0.0	0.0	45°	3188.9	1566.1
0.0	0.0	47.5°	4906.7	2590.6
0.0	0.0	50°	6002.8	3306.4
0.0	0.0	52.5°	6092.5	3301.0
0.0	0.0	55°	5561.6	2934.6
0.0	0.0	57.5°	4745.4	2452.8
0.0	0.0	60°	3944.2	1940.0
0.0	0.0	62.5°	3107.7	1339.6
0.0	0.0	65°	2271.2	947.6
0.0	0.0	67.5°	1631.3	708.3
		70°	1072.6	542.7
		72.5°	698.7	442.3
		75°	470.1	366.4
		77.5°	274.6	243.6
		80°	97.2	85.5
		82.5°	18.2	12.8
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049114

CATALOG NUMBER: GALN-SA4B-827-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

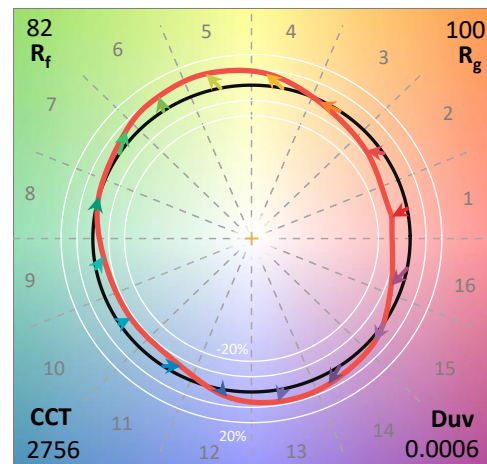
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

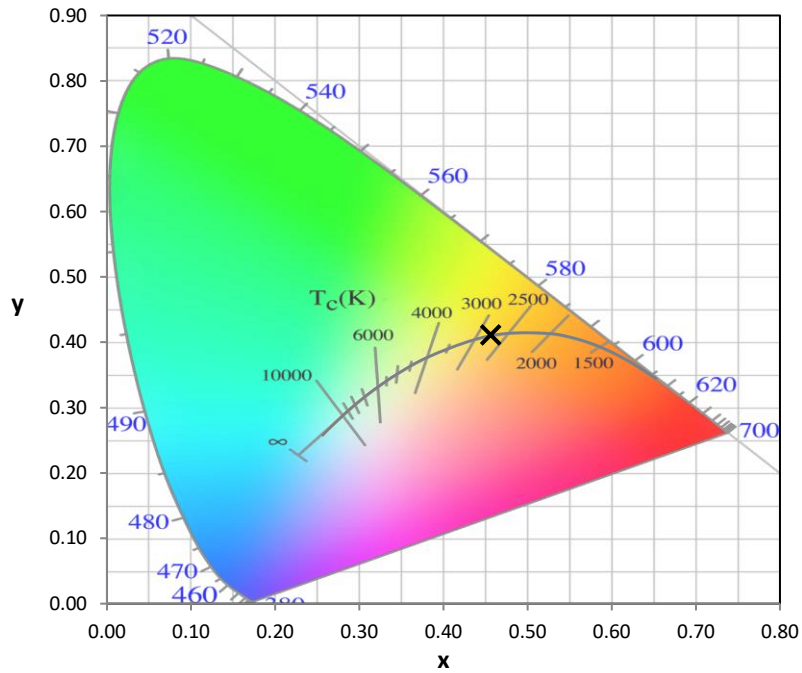
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

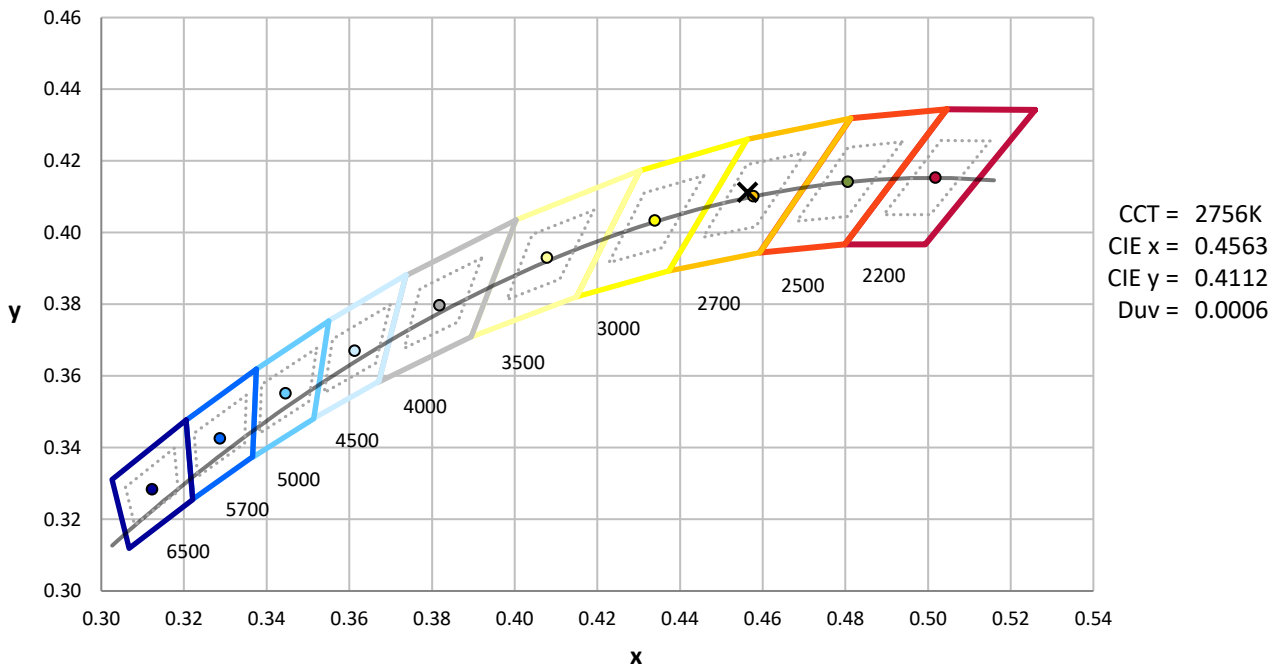
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



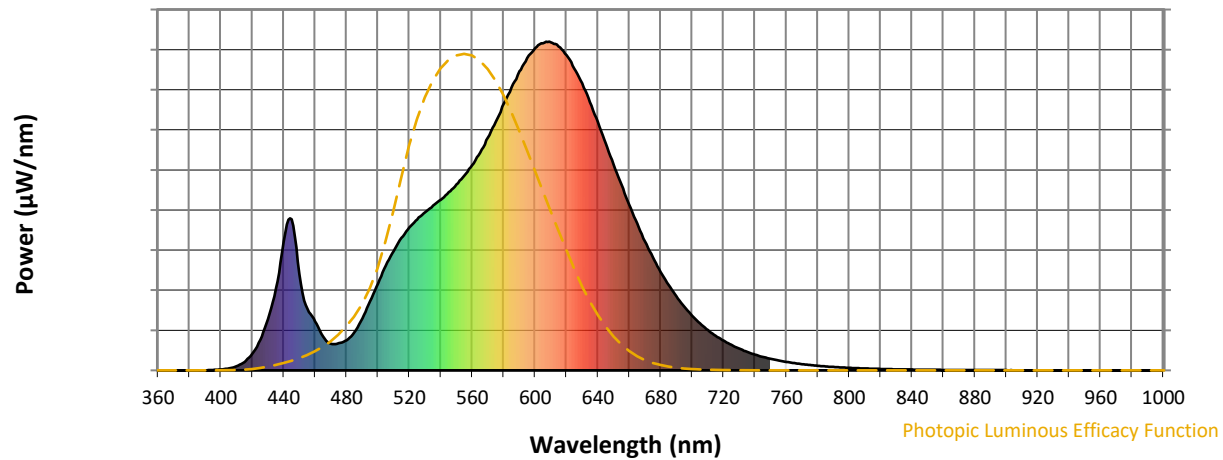
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

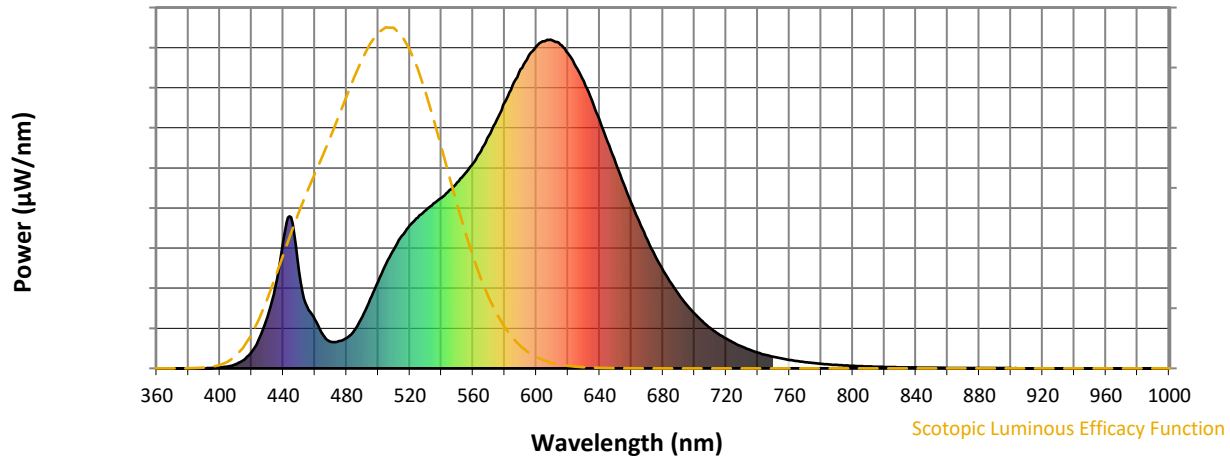


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



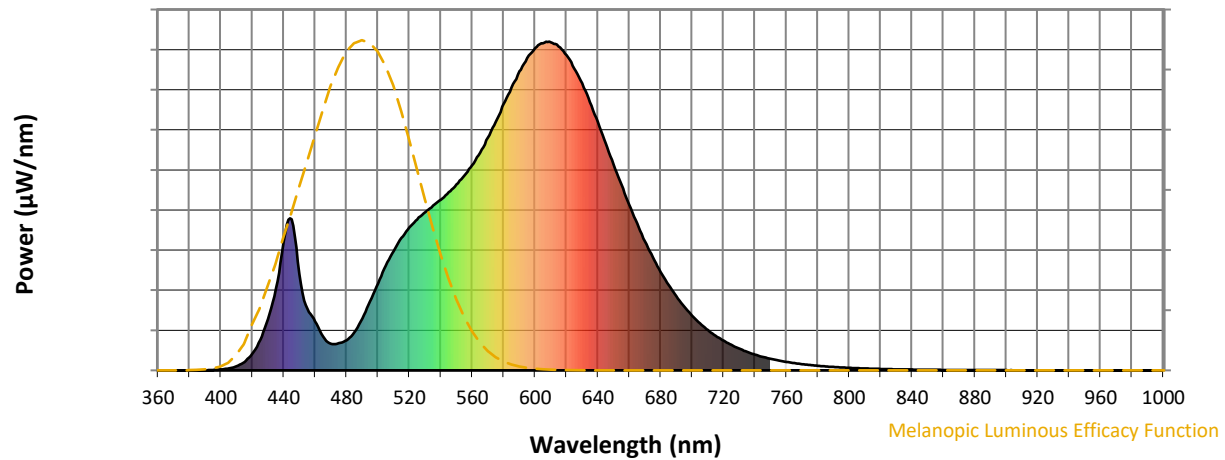
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

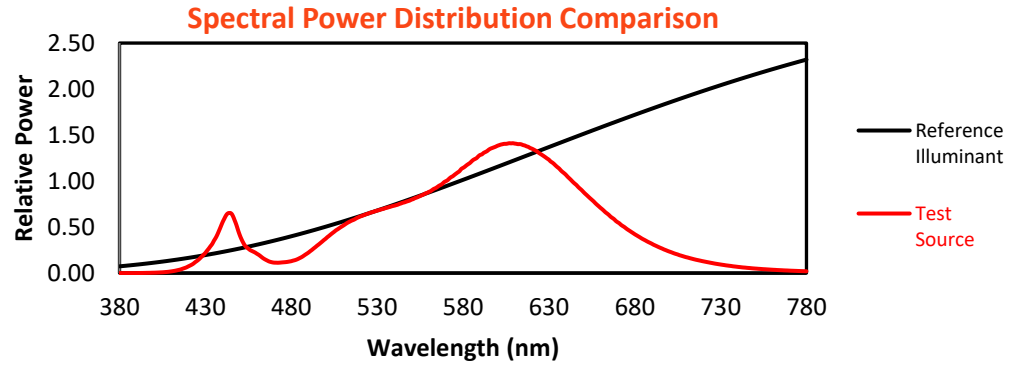
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

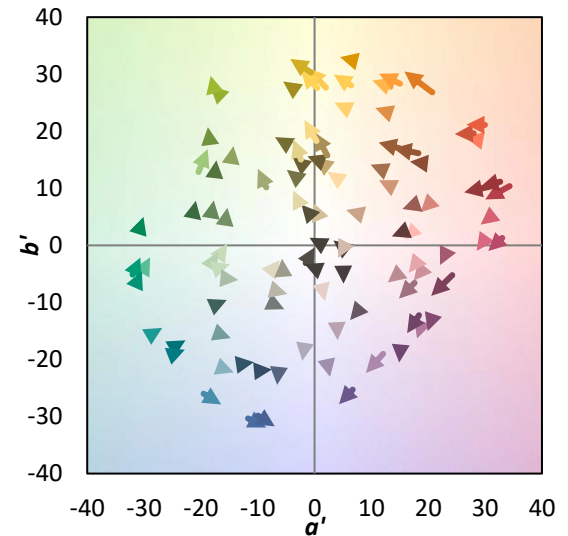
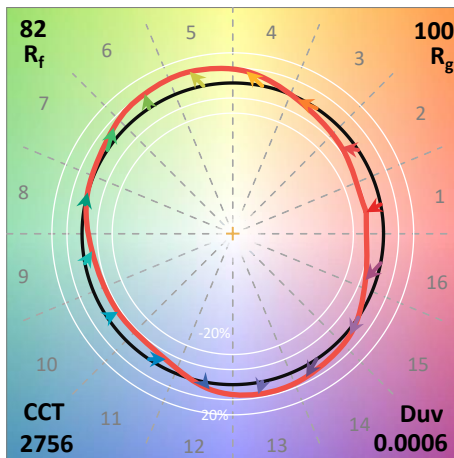
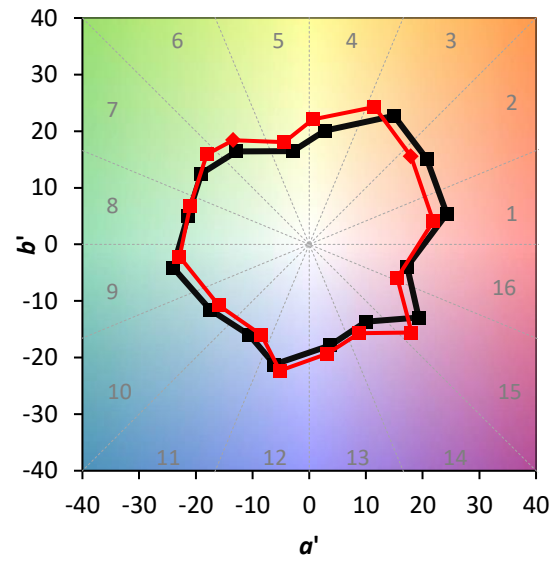
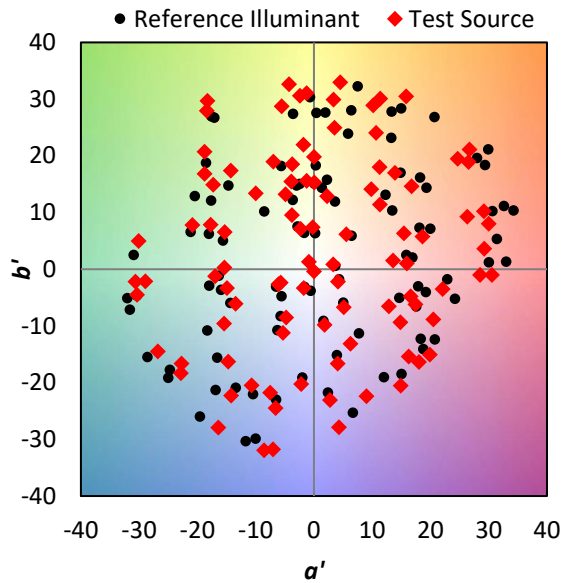
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

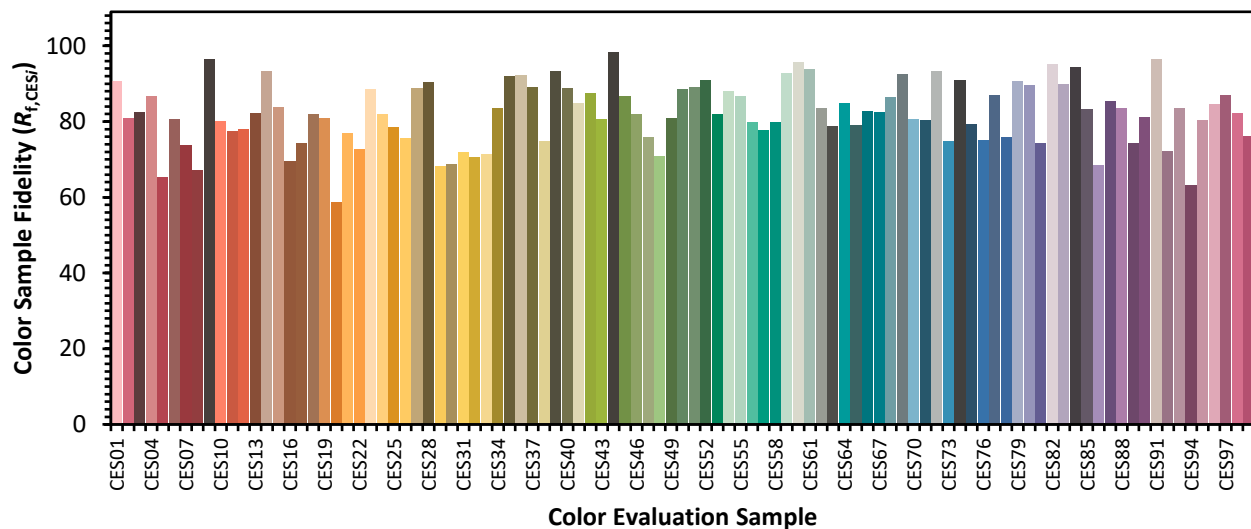


Color Vector Graphics

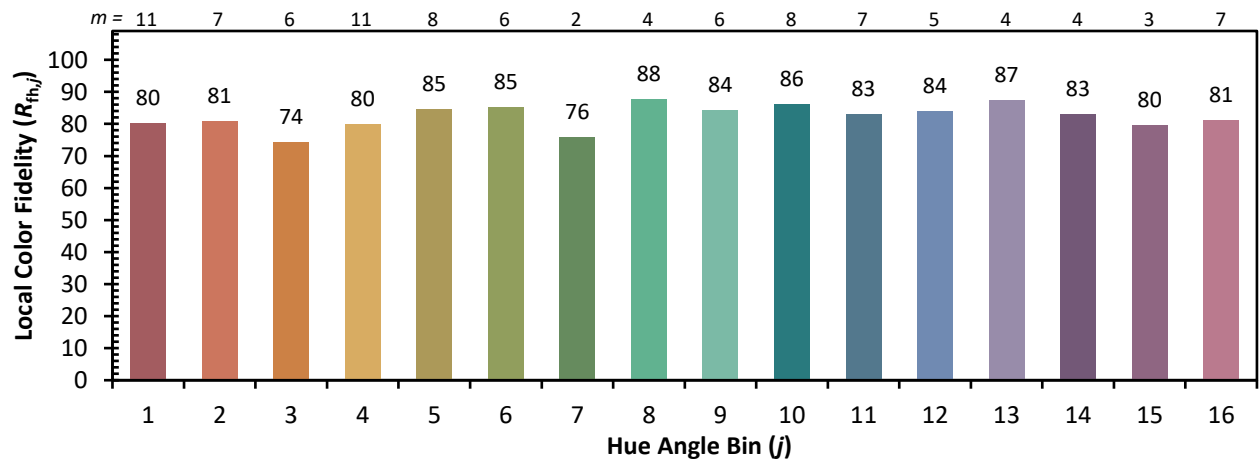
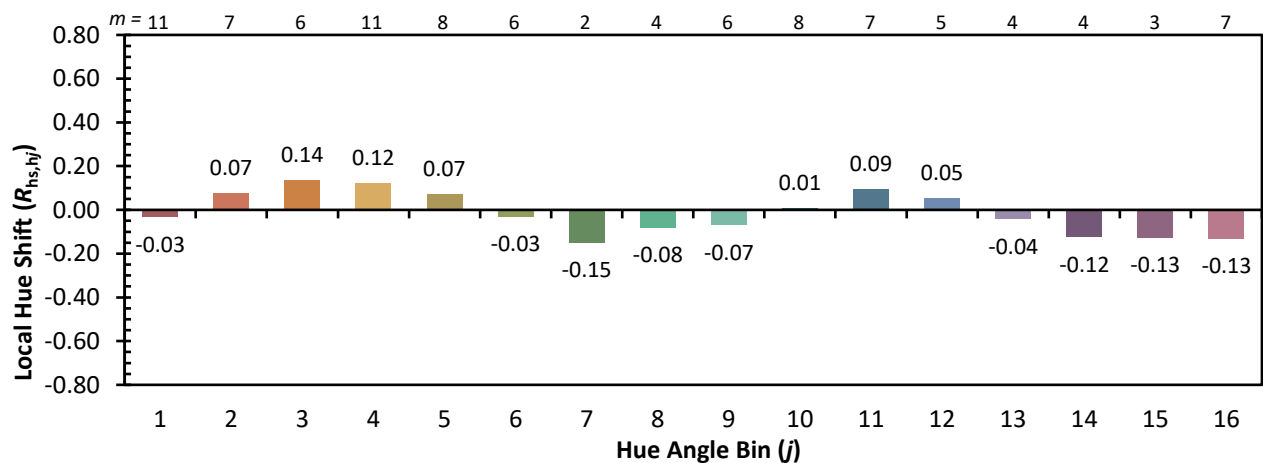
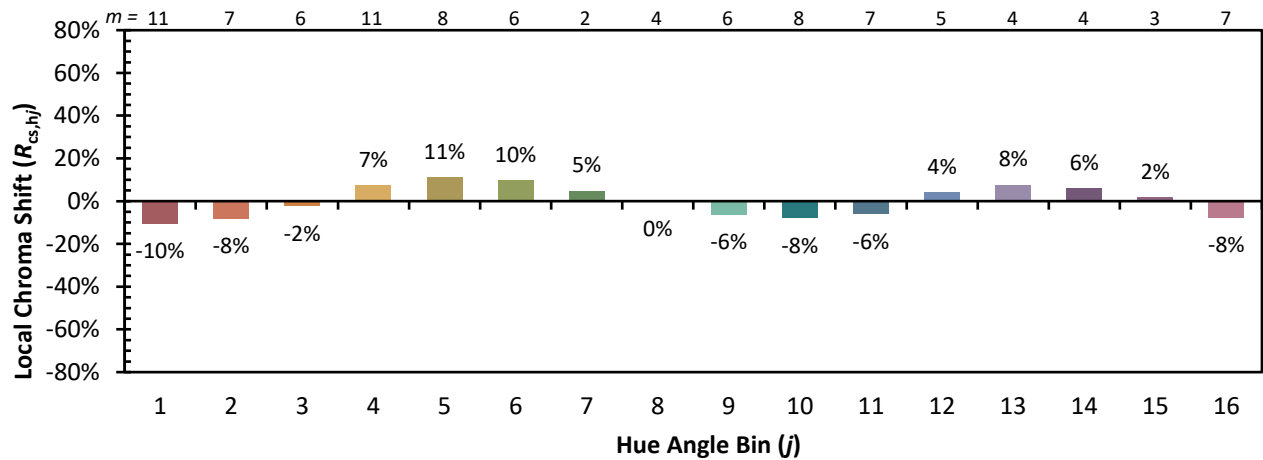


Individual Sample Fidelity Index ($R_{f,i}$)

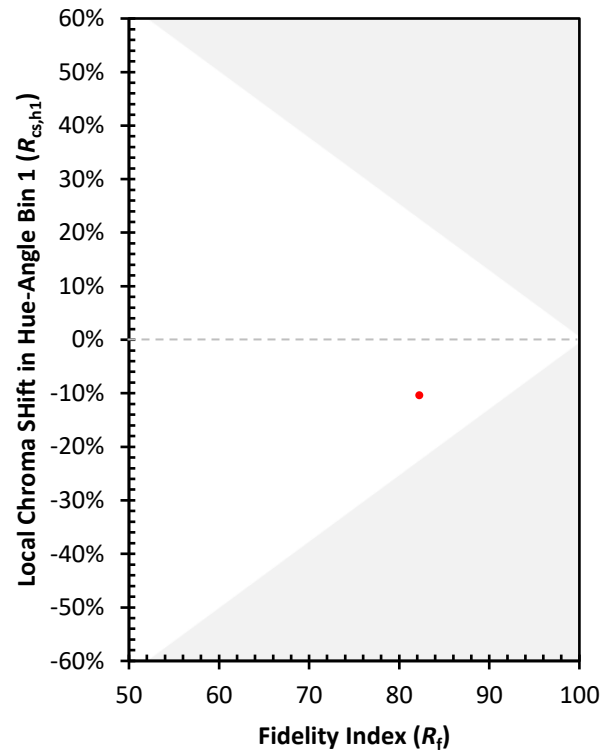
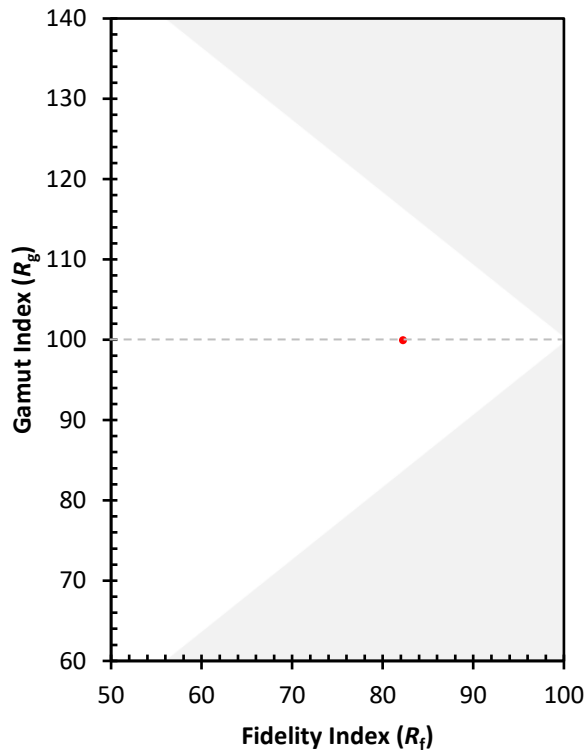
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)